

**In the Claims**

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1. (Currently amended) A method, using a processing device, for materialization forecasting with respect to reservations made by persons for the potential purchase of perishable commodities, comprising the steps of:

gathering past system-wide reservation information relating to past reservations for perishable commodities that have already perished;

gathering current reservation information relating to current reservations for perishable commodities that have not yet perished;

comparing said past system-wide reservation information and said current reservation information using said processing device;

calculating, based on said comparison, the likelihood that said current reservations will materialize; and

outputting, using said processing device, materialization forecast results based on said calculated likelihood.

2. (Currently amended) The method as set forth in claim 1, wherein said past system-wide reservation information includes historical commodity details regarding said past system-wide reservations.

3. (Currently amended) The method as set forth in claim 2, wherein said past system-wide reservation information further includes Point-of-Sale (POS) information pertaining to said past system-wide reservations.

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4. (Currently amended) The method as set forth in claim 3, wherein said past system-wide reservation information further includes materialization information regarding said past system-wide reservations.

5. (Currently amended) The method as set forth in claim 4, wherein said past system-wide reservation information includes demographic information about persons who made said past system-wide reservations.

B | 6. (Original) The method as set forth in claim 5, wherein said demographic information includes one or more of the following pertaining to said persons making said past reservations: age, sex, national origin, citizenship, country of residence, occupation, education, annual income, marital status, reservation frequency.

7. (Original) The method as set forth in claim 6, wherein said current reservation information further includes current-commodity details regarding said current reservation.

8. (Original) The method as set forth in claim 7, wherein said current reservation information further includes POS information pertaining to said current reservations.

9. (Original) The method as set forth in claim 8, wherein said current reservation information includes demographic information about persons making said current reservations.

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10. (Original) The method as set forth in claim 9, wherein said demographic information includes one or more of the following pertaining to said persons making said current reservations: age, sex, national origin, citizenship, country of residence, occupation, education, annual income, marital status, reservation frequency.

B | 11. (Original) The method as set forth in claim 10, wherein said perishable commodity comprises airline seats, and wherein said historical commodity details include information related to one or more of the following regarding said airline seats: carrier name, flight origin, flight destination, booking class, flight distance, departure time, connection time, arrival time, departure date, arrival date, flight duration, number of distinct legs comprising a complete one-way itinerary, aircraft type, aircraft capacity.

12. (Original) The method as set forth in claim 11, wherein said POS information includes one or more of the following: POS type, POS country, booking carrier, booking recency, change recency, fare code, number of passengers traveling with said persons making said past reservations, length of stay associated with the reservation, time between booking date and flight date, payment status.

13. (Original) The method as set forth in claim 12, wherein said current-commodity details include information related to one or more of the following: carrier name, flight origin, flight destination, booking class, flight distance, departure time, connection time, arrival time, departure date, arrival date, flight duration, number of distinct legs comprising a complete one-way itinerary, aircraft type, aircraft capacity.

14. (Currently amended) Computer-readable code embodied on computer-readable media for conducting materialization forecasting with respect to reservations made by persons for the potential purchase of perishable commodities, comprising:

first subprocesses for gathering past system-wide reservation information relating to past system-wide reservations for perishable commodities that have already perished;

second subprocesses for gathering current reservation information relating to current reservations for perishable commodities that have not yet perished;

third subprocesses for comparing said past system-wide reservation information and said current reservation information;

fourth subprocesses for calculating, based on said ~~comprison~~ comparison, the likelihood that said current reservations will materialize; and

fifth subprocesses for outputting materialization forecast results based on said calculated likelihood.

15. (Currently amended) The computer-readable code as set forth in claim 14, wherein said past system-wide reservation information includes historical commodity details regarding said past system-wide reservations.

16. (Currently amended) The computer-readable code as set forth in claim 15, wherein said past system-wide reservation information further includes Point-of-Sale (POS) information pertaining to said past system-wide reservations.

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17. (Currently amended) The computer-readable code as set forth in claim 16, wherein said past system-wide reservation information further includes materialization information regarding said past system-wide reservations.

18. (Currently amended) The computer-readable code as set forth in claim 17, wherein said past system-wide reservation information includes demographic information about persons who made said past system-wide reservations.

B | 19. (Original) The computer-readable code as set forth in claim 18, wherein said demographic information includes one or more of the following pertaining to said persons making said past reservations: age, sex, national origin, citizenship, country of residence, occupation, education, annual income, marital status, reservation frequency.

20. (Original) The computer-readable code as set forth in claim 19, wherein said current reservation information further includes current-commodity details regarding said current reservation.

21. (Original) The computer-readable code as set forth in claim 20, wherein said current reservation information further includes POS information pertaining to said current reservations.

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22. (Original) The computer-readable code as set forth in claim 21, wherein said current reservation information includes demographic information about persons making said current reservations.

23. (Original) The computer-readable code as set forth in claim 22, wherein said demographic information includes one or more of the following pertaining to said persons making said current reservations: age, sex, national origin, citizenship, country of residence, occupation, education, annual income, marital status, reservation frequency.

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24. (Original) The computer-readable code as set forth in claim 23, wherein said perishable commodity comprises airline seats, and wherein said historical commodity details include information related to one or more of the following regarding said airline seats: carrier name, flight origin, flight destination, booking class, flight distance, departure time, connection time, arrival time, departure date, arrival date, flight duration, number of distinct legs comprising a complete one-way itinerary, aircraft type, aircraft capacity.

25. (Original) The computer-readable code as set forth in claim 24, wherein said POS information includes one or more of the following: POS type, POS country, booking carrier, booking recency, change recency, fare code, number of passengers traveling with said persons making said past reservations, length of stay associated with the reservation, time between booking date and flight date, payment status.

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26. (Original) The computer-readable code as set forth in claim 25, wherein said  
current-commodity details include information related to one or more of the following:  
carrier name, flight origin, flight destination, booking class, flight distance, departure time,  
connection time, arrival time, departure date, arrival date, flight duration, number of  
distinct legs comprising a complete one-way itinerary, aircraft type, aircraft capacity.

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